AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Currently amended) A mobile communication device ~~in a network~~ comprising:

a synchronization system able to synchronize with first and second mobile communication devices to rout one or more messages from the first mobile communication device to the second mobile communication device by utilizing ~~an agreed~~ a first communication technology to ~~an agreed~~ a first communication frequency agreed by the first mobile communication device and by utilizing a second communication technology to a second communication frequency agreed by the second mobile communication device.

2. (Currently amended) ~~A~~ The mobile communication device according to claim 1, further comprising:

a synchronization table listing synchronization information for the mobile communication device.

3. (Currently amended) ~~A~~ The mobile communication device according to claim 2, wherein the synchronization table includes a device identifier, a communications frequency, a communications technology, and a time interval for resynchronization.

4. (Currently amended) The mobile communication device according to claim 1, wherein the synchronization system includes an arbitrator to provide the first and second agreed communications ~~frequency~~ frequencies, the first and second agreed communication ~~technology~~ technologies, and a time interval for communication.

5. (Currently amended) The mobile communication device according to claim 4, wherein the synchronization system further includes a synchronization table updater designed to update a synchronization table to reflect a device identifier the communication frequency, the communication technology, and the time interval.

6. (Currently amended) A method for a first mobile communication device to communicate with [[a]] second and third mobile communication devices in a an ad-hoc network including at least the first mobile communication device, the second mobile communication device, and [[a]] the third mobile communication device, comprising:

discovering the second mobile communication device;

determining a synchronization period with the second mobile communication device;

synchronizing with the second device by utilizing an agreed communication technology to an agreed communication frequency independently of the third device; and

routing messages from the third mobile communication device to the second mobile communication device.

7. (Currently Amended) A method according to claim 6, further comprising:
discovering the third device;

determining a synchronization period with the third mobile communication device; and

synchronizing with the third mobile communication device independently of the second mobile communication device.

8. (Currently Amended) A method according to claim 7, further comprising:

discovering the third mobile communication device by the second mobile communication device;

determining a synchronization period between the second mobile communication device and the third mobile communication device; and

synchronizing the second mobile communication device with the third mobile communication device independently of the first mobile communication device.

9. (Currently Amended) A method according to claim 6, wherein discovering a second mobile communication device includes discovering ~~a~~ the second mobile communication device within range of the first mobile communication device.

10. (Original) A method according to claim 6, wherein determining a synchronization period includes arbitrating a time interval between synchronizations.

11. (Currently Amended) A method according to claim 10, further comprising re-synchronizing with the second mobile communication device after the time interval.

12. (Currently amended) A method according to claim 6, wherein determining the synchronization period includes arbitrating a frequency for communicating between the first mobile communication device and the second mobile communication device to provide the agreed communication frequency.

13. (Currently Amended) A method according to claim 6, wherein determining the synchronization period includes arbitrating a communication technology for communicating between the first mobile communication device and the second mobile communication device to provide the agreed communication technology.

14. (Currently Amended) A method according to claim 6, wherein synchronizing with the second mobile communication device includes resetting a clock in the first device.

15. (Currently Amended) A method according to claim 6, wherein synchronizing with the second mobile communication device includes informing the second mobile communication device that the first mobile communication device has data to transmit.

16. (Currently Amended) A method according to claim 14, further comprising:
arbitrating a time to transmit the data to the second mobile communication device; and
transmitting the data to the second mobile communication device at the arbitrated time.

17. (Currently Amended) A method according to claim 6, further comprising determining a new synchronization period with the second mobile communication device.

18. (Original) A method according to claim 17, wherein determining a new synchronization period includes determining at least one of a new frequency, a new communications technology, and a new time interval.

19. (Currently amended) An article comprising:
a storage medium said storage medium having stored thereon instructions that, when executed by a first device in a network including at least the first device, a second device, and a third device, result in:
discovering the second device;
determining a synchronization period with the second device;
synchronizing with the second device by utilizing an agreed communication technology to an agreed communication frequency independently of the third device; and
routing messages from the third communication device to the second device.

20. (Original) An article according to claim 19, further comprising:
discovering the third device;
determining a synchronization period with the third device; and
synchronizing with the third device independently of the second device.

21. (Original) An article according to claim 19, further comprising:
discovering the third device by the second device;

determining a synchronization period between the second device and the third device; and

synchronizing the second device with the third device independently of the first device.

22. (Original) An article according to claim 19, wherein discovering a second device includes discovering a second device within range of the first device.

23. (Original) An article according to claim 19, wherein the storage medium has further stored thereon instructions, that, when executed by the first device, result in determining a synchronization period includes arbitrating a time interval between synchronizations.

24. (Original) An article according to claim 23, further comprising re-synchronizing with the second device after the time interval.

25. (Previously presented) An article according to claim 19, wherein determining the synchronization period includes arbitrating a frequency for communicating between the first device and the second device to provide the agreed communication frequency.

26. (Previously presented) An article according to claim 19, wherein determining the synchronization period includes arbitrating a communication technology for communicating between the first device and the second device to provide the agreed communication technology.

27. (Original) An article according to claim 19, wherein synchronizing with the second device includes resetting a clock in the first device.

28. (Original) An article according to claim 19, wherein synchronizing with the second device includes informing the second device that the first device has data to transmit.

29. (Original) An article according to claim 28, wherein the storage medium has further stored thereon instructions, that, when executed by the first device, result in:

arbitrating a time to transmit the data to the second device; and

transmitting the data to the second device at the arbitrated time.

30. (original) An article according to claim 19, wherein the storage medium has further stored thereon instructions, that, when executed by the first device, result in determining a new synchronization period with the second device.

31. (Original) An article according to claim 30, wherein determining a new synchronization period includes determining at least one of a new frequency, a new communications technology, and a new time interval.